

# Technical Data

**Material:**

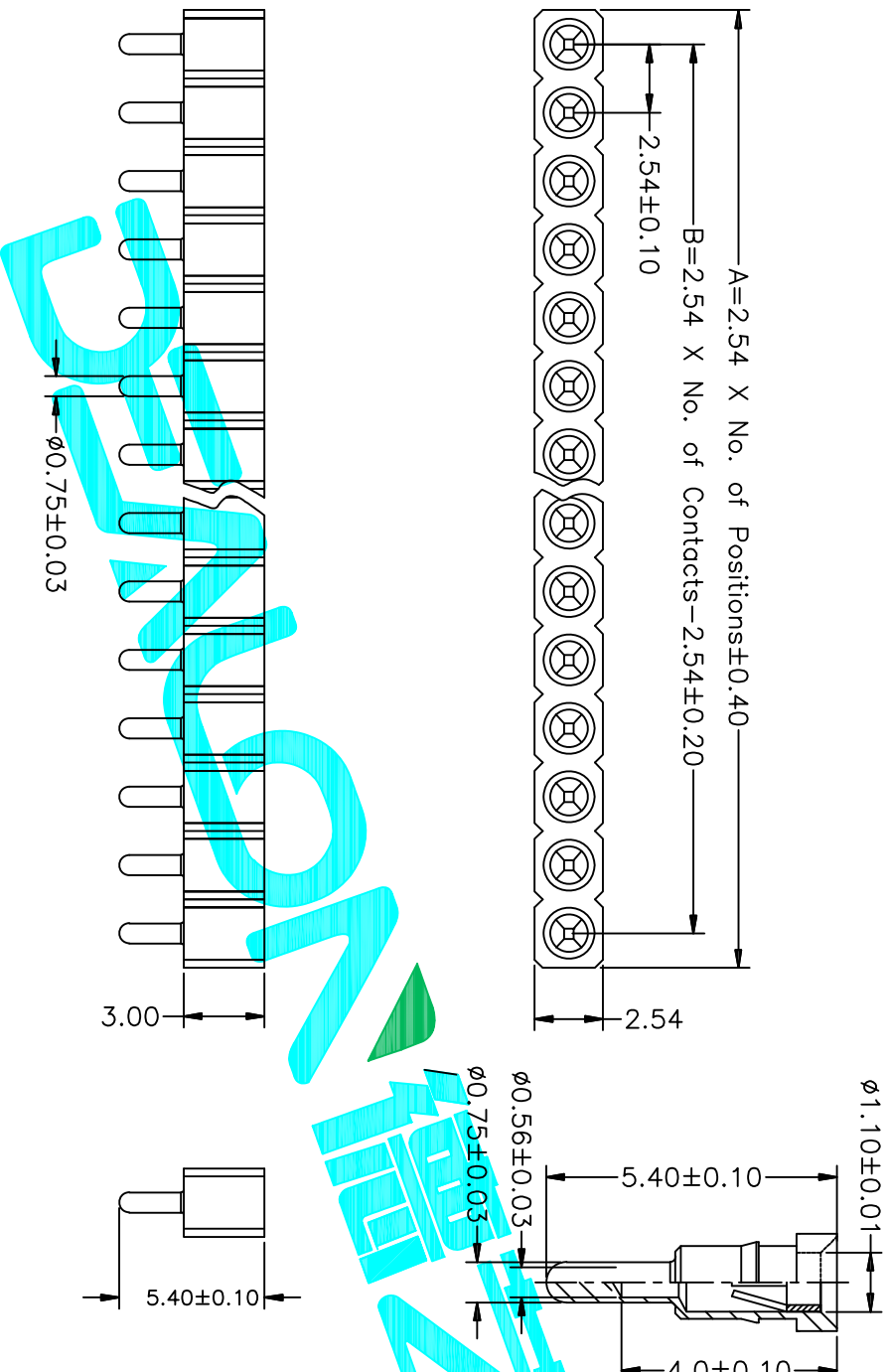
Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium Copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:2µm/80µ"Ni, 5µm/200µ"Sn  
 Gold Plated:2µm/80µ"Ni,Full gold  
 Plating(contact): 2µm/80µ"Ni, gold or Tin plated  
 Insulator(black): Glass filled thermoplastic polyester  
 UL94V-0

**Electrical:**

Current rating: 3Amps/contact max.  
 Contact resistance: ≤4mΩ/contact  
 Insulation resistance: ≥1000MΩ at V=100V  
 Operating voltage: 60VAC/DC

**Mechanical:**

Average insertion force with steel pin of  
 φ0.43mm/0.17": <250g  
 Average withdrawal force with steel pin of  
 φ0.43mm/0.17": >50g min.  
 Mechanical life cycle:min.200  
 Operating temperatures: Gold Plated:-55°C to+105°C  
 Tin plated:-40°C to+105°C



APPROVALS		DATE	DRAWING NO.	
DRAWN	G.M.Chen	2014/11/26	ELECTRONICS CO.,LTD	
CHECKED			TITLE: CONNECTOR	
APPROVALS			PART NO.	MW254R-11-XX-54
			UNIT:	mm
			SCALE:	1:1
				SHEET 1 OF 1
				PROJ.
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.
	A		NEW	

APPROVALS	DATE	ANGLE	SCALE	SHEET
30°±0.1°	±0.30	±2°	1:1	1 OF 1
10°±0.1°	±0.20			
5°±0.1°	±0.15			
~ 5	±0.10			

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